

Claims:

1. A method of establishing a wireless cellular telecommunications call, comprising the steps of:

originating said call;

if a radio channel is available for said call, establishing said call in accordance with the principles of the prior art;

if no radio channel is available for said call, deferring establishment of said call to an assigned time; and

establishing said call at said assigned time.

2. The method of Claim 1, wherein the step of deferring establishment of said call comprises the steps of:

notifying said user that no radio channel is available; and

receiving a deferred call request from said user.

3. The method of Claim 2, wherein the step of deferring establishment of said call comprises the step of negotiating said assigned time between said user and the telecommunications system.

4. The method of Claim 1, wherein the step of establishing said call at said assigned time, comprises the step of reserving a channel at said assigned time, and calling said user to inform said user that said call can now be attempted.
5. The method of Claim 4, wherein the step of receiving a channel comprises the step of paging said user in order to locate said user.
6. The method of Claim 4, wherein the step of reserving a channel for said call comprises the step of attempting to reserve a channel for said call for a period of P seconds prior to said assigned time, wherein P is a parameter determined by an operator of said mobile telecommunications system.
7. The method of Claim 1, wherein the step of attempting to complete said call at said assigned time comprises the steps of:
- reserving a channel for use by said user at said assigned time;
 - said system waiting for said user to originate said call;
 - if said user originates said call within R seconds, completing said call as in the prior art; and

if said user does not attempt to originate said call within R seconds, releasing resources reserved for said call.

8. The method of Claim 7, wherein the step of reserving a channel comprises the step of paging said user in order to locate said user.

9. Apparatus for establishing a wireless cellular telecommunications call, comprising:

processor means for controlling the following steps:

responsive to receipt of an origination request for a call from a mobile station, determining whether a radio channel is available for said call;

if a radio channel is available for said call, establishing said call in accordance with the principles of the prior art;

if no radio channel is available for said call, deferring establishment of said call to an assigned time; and

establishing said call at said assigned time.

10. The apparatus of Claim 9, wherein the step of deferring establishment of said call comprises the steps of:

notifying said user that no radio channels are available; and

receiving a deferred call request from said user.

11. The apparatus of Claim 10, wherein the step of deferring establishment of said call, comprises the step of controlling negotiations for said assigned time between said user and the telecommunications system.
12. The apparatus of Claim 9, wherein the step of establishing said call at said assigned time, comprises the step of reserving a channel at said assigned time, and calling said user to inform said user that said call can now be attempted.
13. The apparatus of Claim 9, wherein the step of reserving a channel comprises the step of paging said user in order to locate said user.
14. The apparatus of Claim 12, wherein the step of reserving a channel for said call comprises the step of attempting to reserve a channel for said call for a period of P seconds prior to said assigned time, wherein P is a parameter determined by an operator of said mobile telecommunications system.
15. The apparatus of Claim 9, wherein the step of attempting to complete said call

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at said assigned time comprises the steps of:

reserving a channel for use by said user at said assigned time;

said system waiting for said user to originate said call;

if said user originates said call within R seconds, completing said call as in the prior art; and

if said user does not attempt to originate said call within R seconds, releasing resources reserved for said call.

16. The apparatus of Claim 15, wherein the step of receiving a channel comprises the step of paging said user in order to locate said user.